10/21/79

Dear Mr. Falia,

my nome is Daird Clock and I have recently pent you some information on a wide program and some information on percent.

In this letter I'm sending you some information on the 90% letween 90 (20050) TO 90 (20070), and some more information on 90 (200462).

I have also developed a program that computes against not and a program buting for a new wide

90(20054), and 90(20056) change the musical note for the next character placed on the person

90 (20054) = is similar to a temporary NT 20070=11 par the logar number less then 256 will pure legister would on the normal NT. Dts gramal character would on the normal NT. Dts gramal values one OTO 3 SO if you set 90 (20054) To O it will stay to some se pushing plon you

POKE A

9. (20056) = is similar to my or the music rejecture (T.E. the B'S), By changing 9 (20056) to different mambers and pressing "go" key too surear will should the regular mote to an off version of its sound, By setting 7. (20056) To 71 and pressing the "go" key the surear will play its regular note.

%(20066) = stronge line numbers after cotting this to a certain value and precing the "go" key, it will place a line no often the sure.

9620070) = changes the value of the born of printing of numbers. 160 = normal

9. (20076) = Done as 9. (20070). 8 = Morras

Ndere one some example that you can assigh to there 90'D

percent no Rushies  $\frac{8}{100054}$  =  $\frac{3}{1255}$   $\frac{3}{100056}$  =  $\frac{8}{11}$   $\frac{7}{100066}$  =  $\frac{5}{159}$   $\frac{1}{100}$   $\frac{1}{100}$   $\frac{1}{100}$   $\frac{1}{100}$   $\frac{1}{100}$   $\frac{1}{100}$   $\frac{1}{100}$   $\frac{1}{100}$   $\frac{1}{100}$ 

D thought percent (20070) and percent (20071) were pretty next, and they could also be used by your our type of rode.

ordere is a program that you can type in to compare the nor! in its different forme and the values 90(20070) one set to.

TYPE IN

10 FOR A = 0 TO 255

20 90 (20070) = 160; PRINT #1, A,

30 90 (20078) = APRINT #1, 1,

40 NEXT A

Acre is a program that works the some as alove but In 90 (20076)

10 FOR A= 0 TO 255
20 90 (20076)=8; PRINT #1, A,
30 90(20076)=A; PRINT #1, I,
40 NEXT A

weed 78

M. Ja

Notice is another percent you can try:

90 (20460) = 32 blood print "SORRY" 90 (20460) = -319 blood leave a spore lefre the war

This program will draw on outlined circle instead of a loved will on the arreen like the last program I sent you did:

10 INPUT X,Y

20 CLEAR

30 BOX X,T, 1, 1, 1

40 A = x + 4 = 2; B = Y-A = 2

50 IF PX (A,B) = 1 GOTO 10

60 X=A; Y=B; GOTO 30

By changing to value of the numbers often the since signe you can make the cicle at different ongles

AND Et. 40 A= X+Y=2; B=Y-A:10 -> this will draw a postall chaped object on the screen.

27,27

0 10,

In the last program in my letter Dom including a very lasic aguar not formula that is very small in sign but partially long in time runing.

10 INPUT S 20 FOR A=0 TO 181 30TF AXA >S\_ A=A-1; GOTO 50

50 PKINT #1, S, "ESQUARE \_ ROOT", #1, A 60 GOTO 10 37 € 6

Mell I boped you like the information that I have sent your, and that you might find it weeful be your paper.

David Clack

PD: Mere one some questions that D love and wandered if you might be able to oncure them.

I any type on how to bypose the a. More information on the three enstan clips?
3 More setaled explanation of the 4 Controlling outputs through the D/o pote to controll external decree? 5 Jon Woode home address or Dear ash him how in the world be tracer. all those strange number and where he got his look that converted his statemente to object codes that is on page 25 p your paper? B. With all the mucie registers and notetimers there me, when is sometrody going to some up with a simple speech processes pogran?

PS: PD: Df you remember before D Dent you some information on & (14) and & (15) and bor you can which them alonge with the different change in write true, well you can also plug to the plug that comprete to the tape rechder to a standard 8 own radio carplone connecter, and type in the some program as before, you also see that the numbers will alongs with the different inpute from the readin earplane.

a clech hom my letter be 1/10 dollar for onother year aubscription to your paper.